

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12469

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01S5/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01S G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of documents, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 357 589 A (UNIV EXETER) 27 June 2001 (2001-06-27) page 8, line 1 -page 9, line 5 page 10, line 14 -page 11, line 2 figure 1	1,11
A	US 6 215 928 B1 (FRIESEM ASHER A ET AL) 10 April 2001 (2001-04-10) column 1, line 4 -column 2, line 59	1,11
A	US 6 366 592 B1 (FLANDERS DALE C) 2 April 2002 (2002-04-02) column 2, line 5 - line 63	1,11
A	US 6 526 071 B1 (CHAPMAN WILLIAM B ET AL) 25 February 2003 (2003-02-25) column 2, line 46 -column 3, line 47	1,11

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.*** Special categories of cited documents :**

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "Z" document member of the same patent family

Date of the actual completion of the international search

16 March 2004

Date of mailing of the international search report

Name and mailing address of the ISA

European Patent Office, P.B. 5816 Patentkan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. S1 651 epo nl
Fax (+31-70) 340-3016

Authorized officer

FREDRIK WAHLIN/MN

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12469

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2357589	A	27-06-2001	NONE	
US 6215928	B1	10-04-2001	EP 0898799 A2 WO 9744686 A2 IL 126817 A JP 2000514566 T	03-03-1999 27-11-1997 23-12-2001 31-10-2000
US 6366592	B1	02-04-2002	US 2004022283 A1 US 2003021308 A1	05-02-2004 30-01-2003
US 6526071	B1	25-02-2003	US 6282215 B1 US 6108355 A AU 3859000 A EP 1153463 A1 WO 0049689 A1 AU 6432399 A EP 1129513 A1 JP 2002528902 T WO 0024095 A1	28-08-2001 22-08-2000 04-09-2000 14-11-2001 24-08-2000 08-05-2000 05-09-2001 03-09-2002 27-04-2000